Patent Office
110
US POST
116
Printer
114
Storage
108
FAX
116
INTER NET
118
PROESSOR I/O 112
Central Processor
102
100
INTER net
118
105
104
106
105
104
106
105
104
106
Text input terminals w scanners

FIG. 1

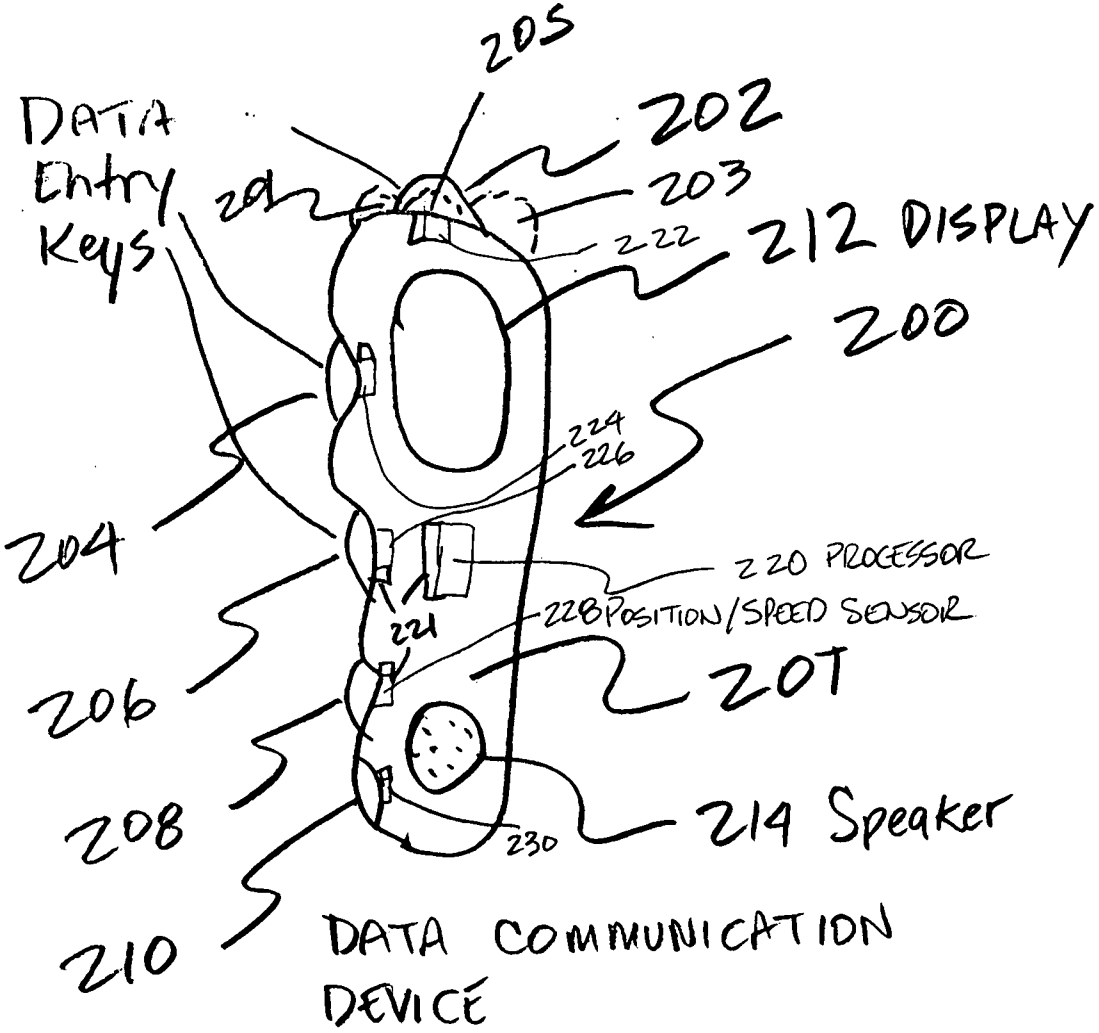

205
202
DATA
Entry
Keys
203
222
212 DISPLAY
200
224
226
204
220 PROCESSOR
228 POSITION/SPEED SENSOR
221
206
207
208
214 Speaker
230
210
DATA COMMUNICATION
DEVICE

FIG. 2

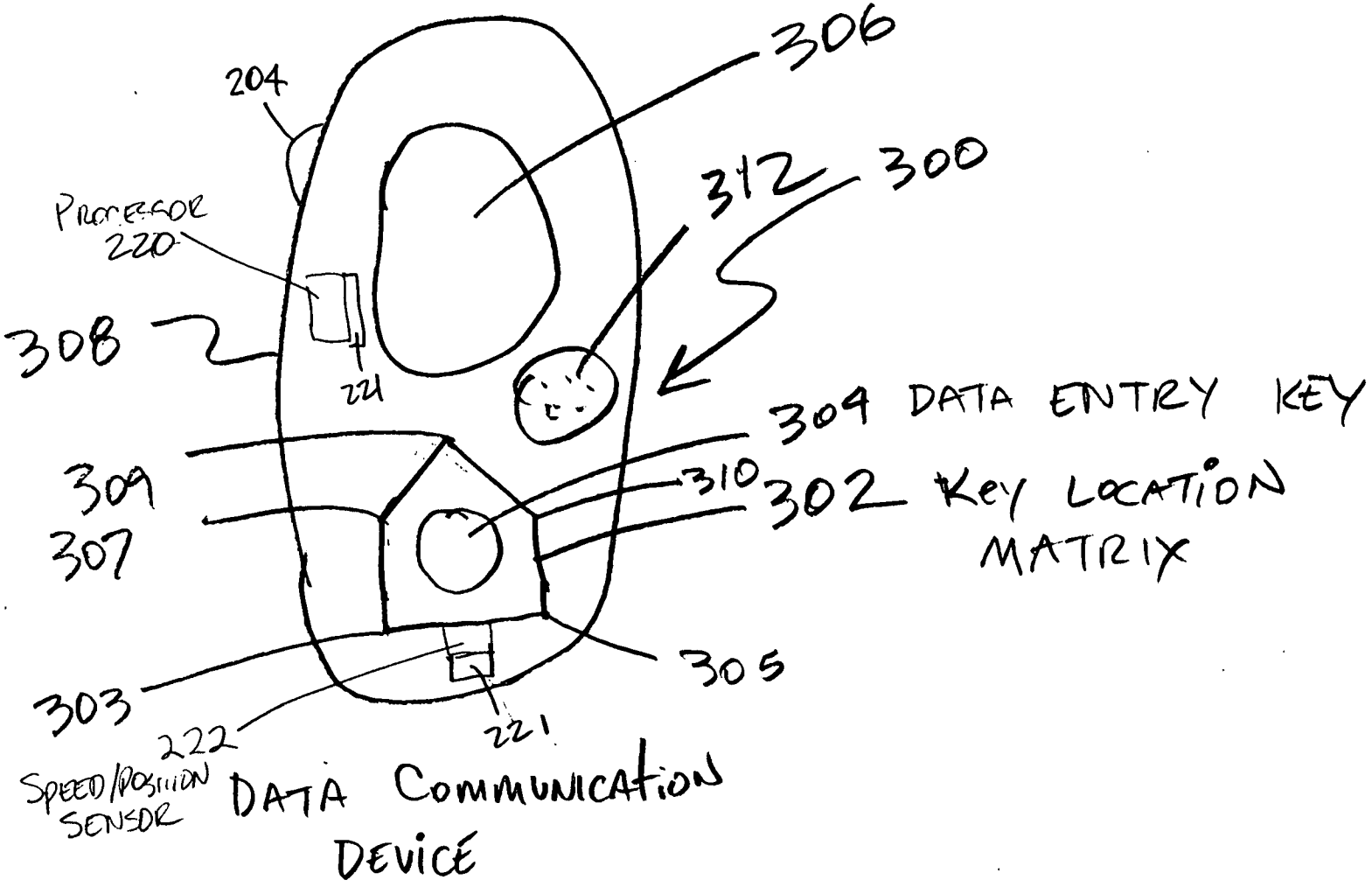

204
306
312
300
PROCESSOR
220
308
221
309 DATA ENTRY KEY
309
310
302 Key LOCATION
MATRIX
307
303
305
222
221
SPEED/POSITION
SENSOR
DATA COMMUNICATION
DEVICE

FIG 3

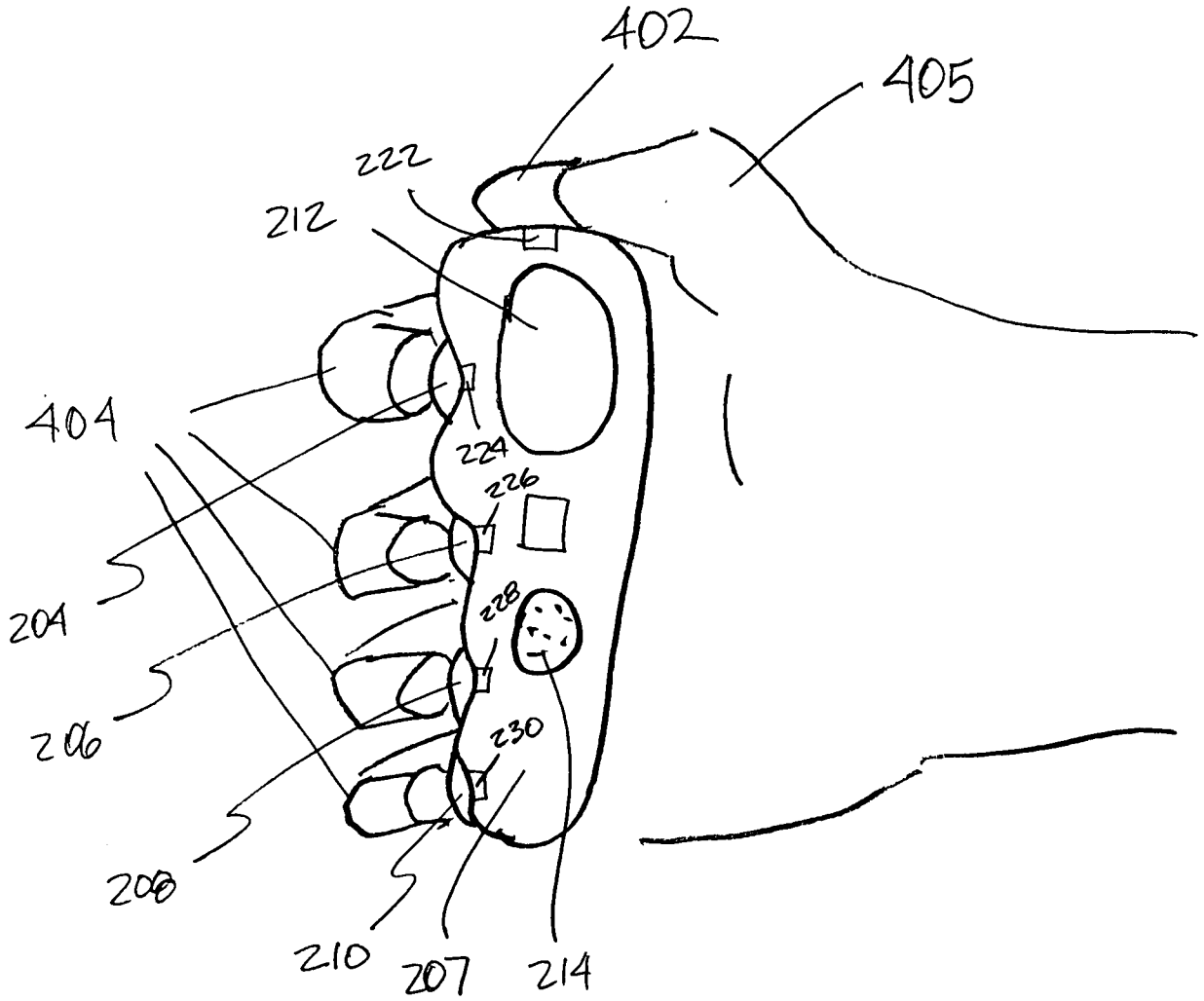



FIG. 4

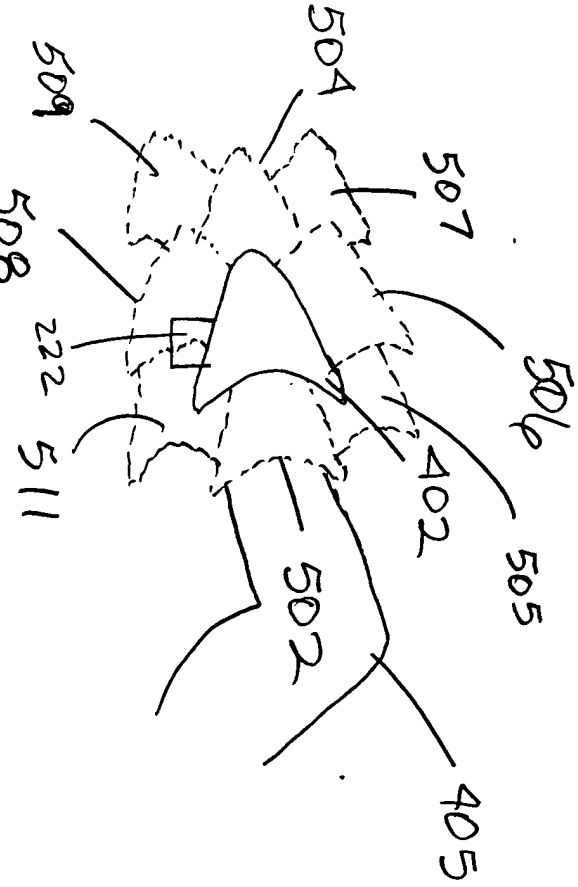



FIG. 5

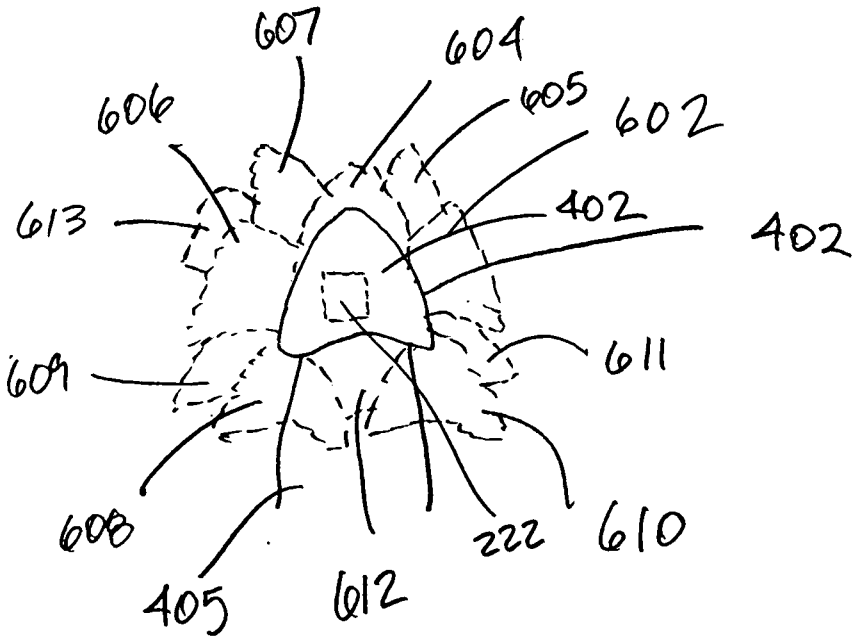



FIG 6

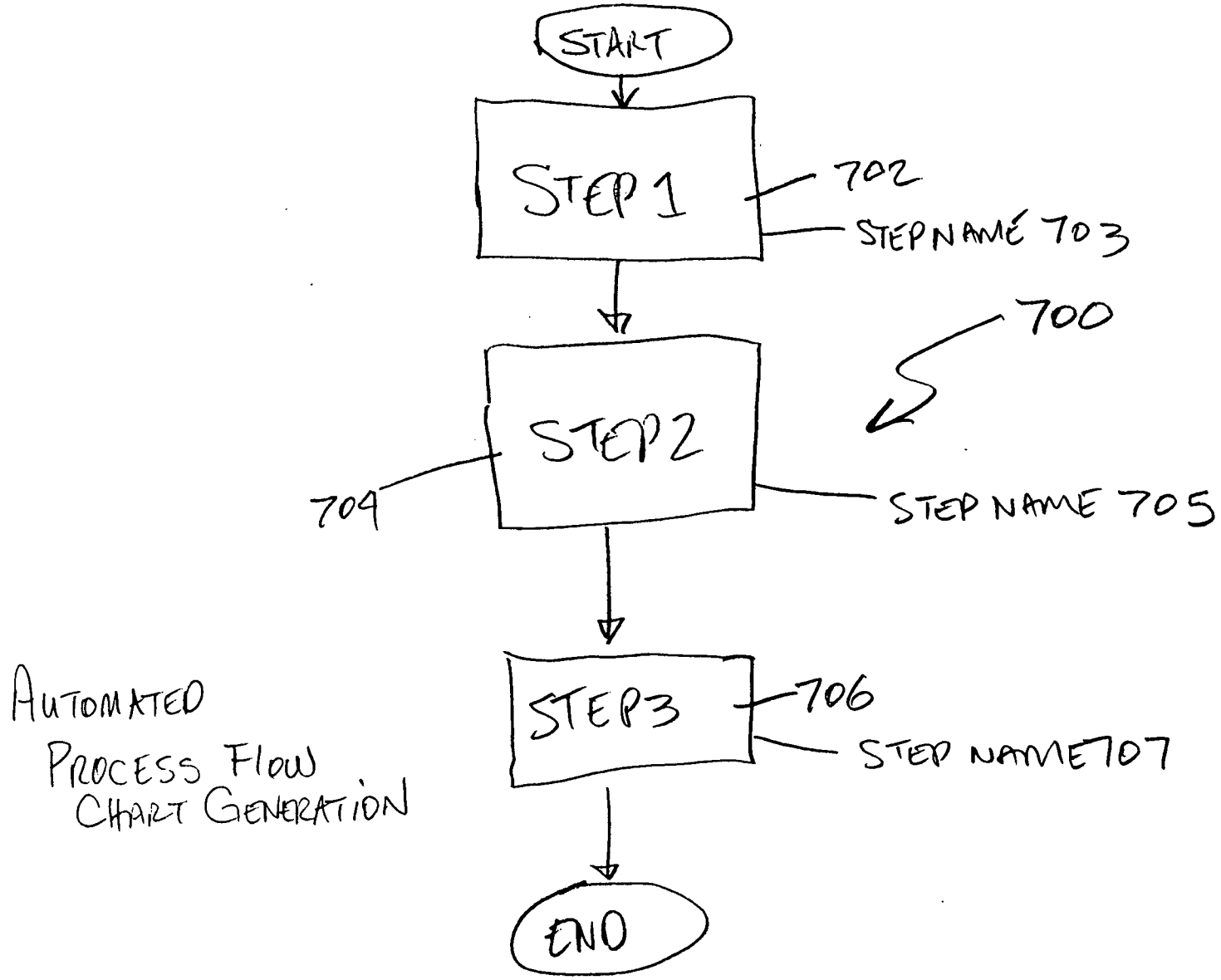
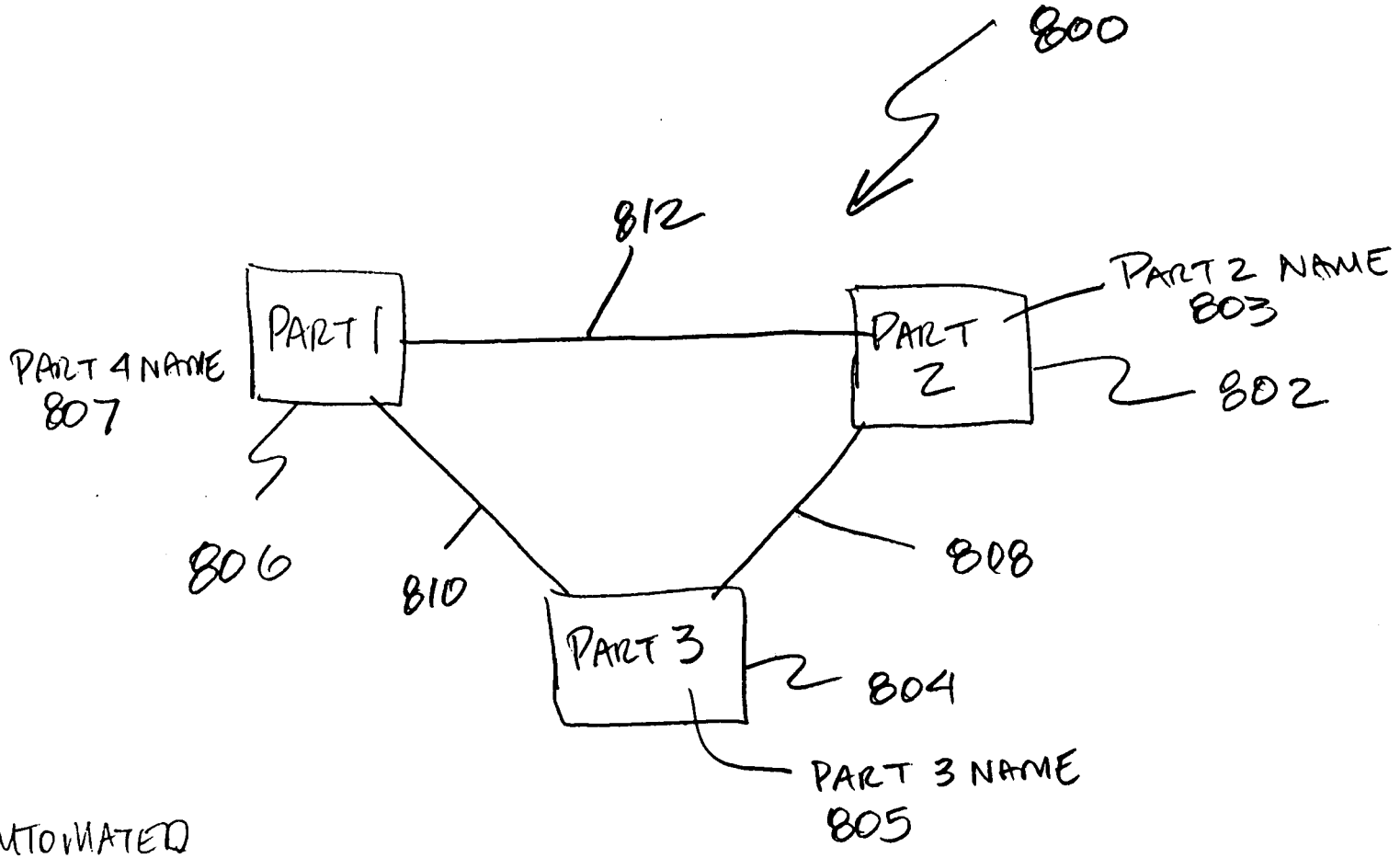

START
STEP 1
702
STEP NAME 703
700
STEP 2
704
STEP NAME 705
STEP 3
706
STEP NAME 707
END
AUTOMATED
PROCESS FLOW
CHART GENERATION

FIG 7




AUTOMATED
Apparatus Figure
GENERATION

FIG. 8

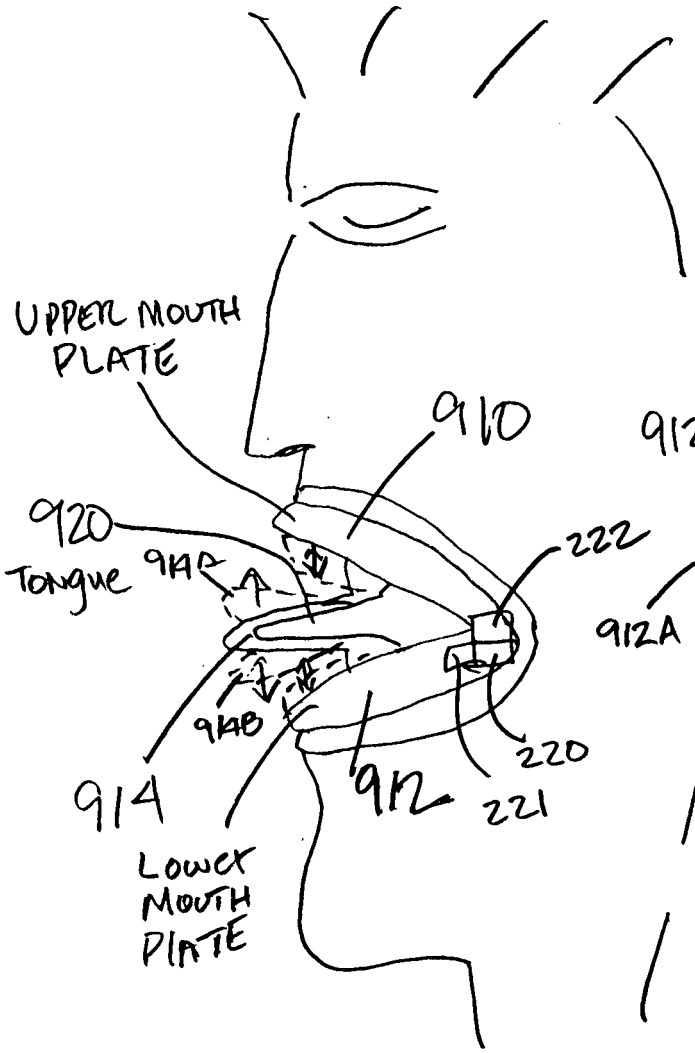

UPPER MOUTH PLATE
910
920
TONGUE
914A
222
914B
914
LOWER MOUTH PLATE
912
221
220

FIG. 9

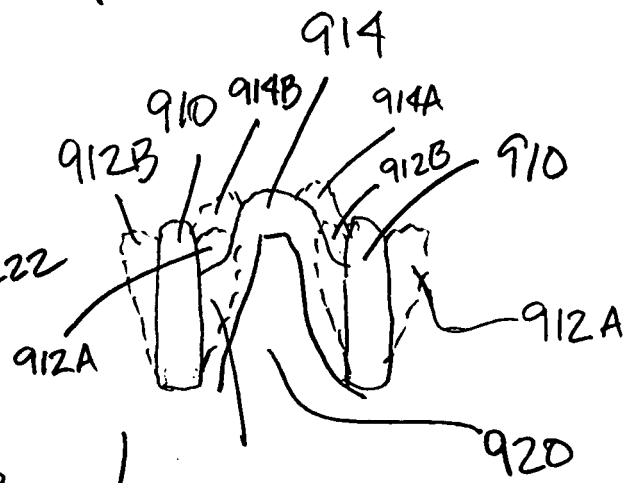

914
910
914B
914A
912B
912B
910
912A
912A
920

FIG 10

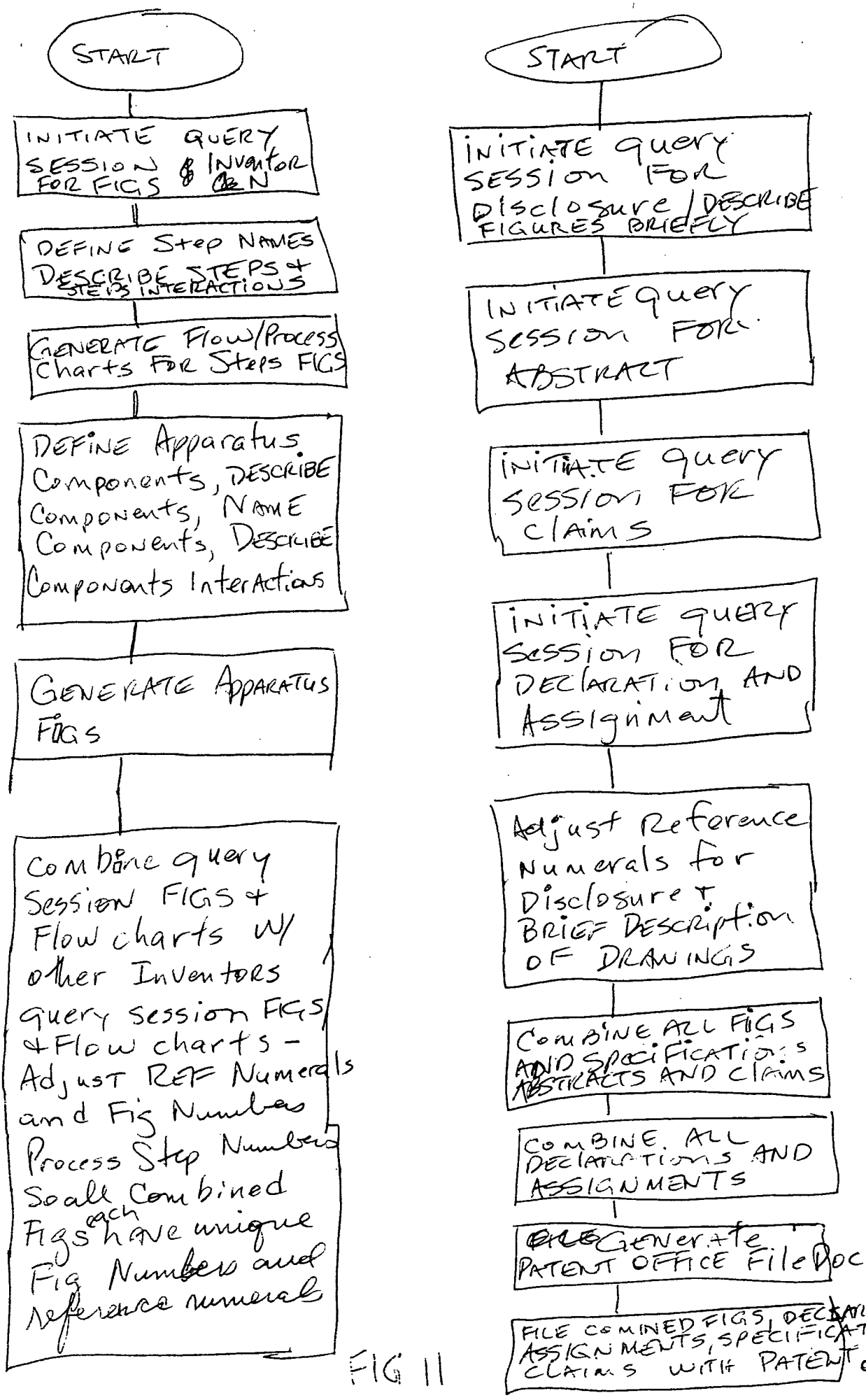

START
INITIATE QUERY SESSION & Inventor FOR FIGS & DRN
DEFINE Step NAMES DESCRIBE STEPS & STEPS INTERACTIONS
GENERATE Flow/Process Charts FOR Steps FIGS
DEFINE Apparatus Components, DESCRIBE Components, NAME Components, DESCRIBE Components Interactions
GENERATE Apparatus FIGS
Combine query Session FIGS & Flow charts W/ other Inventors query session FIGS & Flow charts - Adjust REF Numerals and Fig Numbers Process Step Numbers So all Combined Figs each have unique Fig Numbers and Reference numerals
START
INITIATE query SESSION FOR Disclosure / DESCRIBE FIGURES BRIEFLY
INITIATE query SESSION FOR ABSTRACT
INITIATE query SESSION FOR CLAIMS
INITIATE query SESSION FOR DECLARATION AND ASSIGNMENT
Adjust Reference Numerals for Disclosure & BRIEF DESCRIPTION OF DRAWINGS
COMBINE ALL FIGS AND SPECIFICATIONS ABSTRACTS AND CLAIMS
COMBINE ALL DECLARATIONS AND ASSIGNMENTS
Generate PATENT OFFICE FileDocs
FILE COMINED FIGS, DECLARATIONS ASSIGNMENTS, SPECIFICATIONS CLAIMS WITH PATENT OFFICE

FIG 11